

Method of increasing the cutting hardness of a shaped body comprising a crystalline aluminosilicate and use of this shaped body having an increased cutting hardness in processes for chemical synthesis, in particular in a process for preparing triethylenediamine (TEDA) by reaction of ethylenediamine (EDA) and/or piperazine (PIP).

Abstract

An increase in the cutting hardness of a shaped body comprising a crystalline aluminosilicate is achieved by treating the shaped body with a gas comprising water vapor at from 100 to 600°C and an absolute pressure of from 0.1 to 10 bar for a period of at least 20 hours, and this shaped body having an increased cutting hardness can be used in processes for chemical synthesis, in particular in a process for preparing triethylenediamine (TEDA) by reaction of ethylenediamine (EDA) and/or piperazine (PIP).